



MEGAHERTZ TIMES

July 2024

W3AI

PO Box 336, Perkasio, PA 18944

R F Hill Amateur Radio Club 2024

President: Cary Binder, NI2Q
Vice President: Jim Soete, WA3YLQ
Secretary: Jim Reed, KC3LXV
Treasurer: Tom Dumire, K3KKI
News Editor: KS3Z, Charles Schmill
ks3z@comcast.net

CLUB INFORMATION

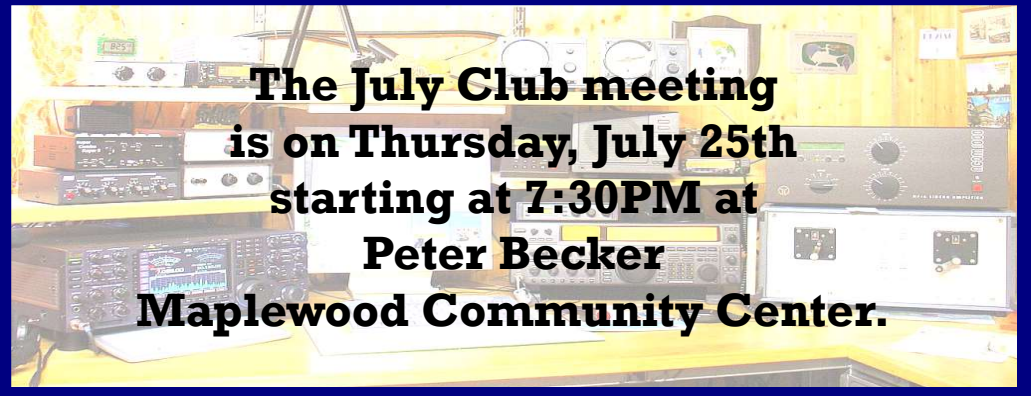
Mailing address:
PO Box 336, Perkasio, PA 18944
Club Repeaters: 145.31 MHz; input
144.71 MHz PL 131.8 (2 meters)
444.75 MHz, input 449.75 MHz PL 103.5
(70 cm)
Meetings: The club normally meets at
7:30 PM on the last Thursday of the
Month
Web page: <http://www.rfhillarc.club>
Email: rfhillarc@yahoo.com

The MHz Times is the official publication
of the R F Hill Amateur Radio Club, Inc.
Articles for submission may be made to
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DEADLINE for article submission is 6
days before the meeting! Please submit
in Open Office (.odt) or MS Word (.docx)
format. No PDFs please!

Send to ks3z@comcast.net



June Club Meeting Program:

Mobile/Portable Night & Tailgating

The July Meeting program will celebrate outdoor operations of all types. Showtime is 7PM in the Parking Lot at Peter Becker.

Show us your Mobile Installation and/or your gear that you use for portable operations on Sunday afternoons, road trips or vacation. Of special interest are the easy setup antenna systems used.

Also, bring along any of those goodies from your "junk" box that you may want to part with, and sell them out of your trunk or off the tailgate.

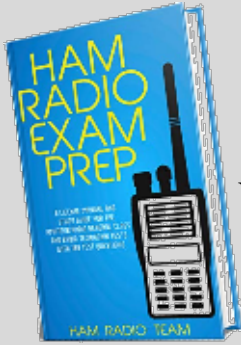
At 7:45 we will go inside and have refreshments and our monthly business meeting. Looking forward to seeing you all on a comfortable July evening!
73 Jim, WA3YLQ

In Memory of

**Frank Mee, W3MEE
Irv Fisher, AF3IF**

SKs reported in the last month

VE TESTING



VE testing for Technician, General and Extra Class licenses is held at 6:00 PM at the Indian Valley Public Library in Telford:

100 E Church Ave.
Telford, PA 18969

Scheduled VE Exam Sessions

2024 Dates:

September 16

October 20 (at Hamfest)

November 18

Direct questions to Kevin KW3P at kw3p@arrl.net or by cell phone at 215-378-6978.



Club Nets

SEPPTN traffic nets are on Sundays & Wednesdays at 8:00 PM local time at 145.310

MHz (-600). These nets are for anyone who would like to learn how to handle traffic as well as an on the air meeting place for members and future members.

RF Hill A-R-C Ten Meter AM Net: 29.005MHz on Sunday evening immediately following the SEPPTN

RF Hill CW Squad Operates on 28.370.600 CW at approx. 7pm Tuesday stopping before the NPARC net at 8pm. This is a non formal CW - slow speed - net for beginners and ranges in speed from 5-15 wpm.

SEPPATN Net Control Stations

07/28, 07/31 KB3DEN
08/04, 08/07 WA3YLQ
08/11 NE3I
08/14 WA3YLQ
08/18 NE3I
08/21 WA3YLQ
08/25, 08/28 KB3DEN
09/01, 09/04 WA3YLQ

Contact Jim KB3DEN with any questions or conflicts. If at the last minute, the assigned net control station doesn't show-up, any net control station on frequency should run the net.

Thanks to everyone for your continued support.
Jim - KB3DEN KB3DEN@aol.com

AREA NET LISTINGS

SEPPTN Southeastern PA Practice & Traffic Net	Su/W	8 PM	145.31-
EPAEPTN - EPA Emergency Phone/Traffic Net	Daily	5 PM	3.918 +/-
Pennsylvania Traffic Net (CW)	Daily	7,10 PM	3.585
Third Region Net	Daily	4 PM	7.243 (3.917 -alt)
Eastern Area Net (EAN)	Daily	2:30 PM	7.243
Bucks County ARES	W	9 PM	147.090+
Montgomery County ARES	Th	7 PM	146.835- (pl 88.5)



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Join the conversation.

Follow us today!

<http://facebook.com/rfhillarc>

<http://twitter.com/W3AI>



RF Hill SEPPATN June Report

QNI = 82
 QTC = 5
 In 9 Sessions
 That's over 9 Check-in's per session!

Thanks!
 73's
 Jim – KB3DEN

Signals Newsletter – ARRL EPA SECTION

The link below contains instructions to subscribe to postings from the ARRL EPA distribution system including "Signals" the bi-monthly newsletter.
<https://epa-arrl.org/signals-newsletter/>

THE AMERICAN RADIO RELAY LEAGUE							
RADIOGRAM							
VIA AMATEUR RADIO							
NUMBER	PRECEDENCE	HX	STATION OF ORIGIN	CHECK	PLACE OF ORIGIN	TIME FILED	DATE
<p>TO _____</p> <p>TELEPHONE NUMBER _____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>					<p style="font-size: 0.8em;">THIS RADIO MESSAGE WAS RECEIVED AT</p> <p>AMATEUR STATION _____ PHONE _____</p> <p>NAME _____</p> <p>STREET ADDRESS _____</p> <p>CITY, STATE, ZIP _____</p>		
REC'D	FROM	DATE	TIME	SENT	TO	DATE	TIME
<p>THIS MESSAGE WAS HANDLED FREE OF CHARGE BY A LICENSED AMATEUR RADIO OPERATOR, WHOSE ADDRESS IS SHOWN IN THE BOX AT RIGHT ABOVE. AS SUCH MESSAGES ARE HANDLED SOLELY FOR THE PLEASURE OF OPERATING, NO COMPENSATION CAN BE ACCEPTED BY A 'HAM' OPERATOR. A RETURN MESSAGE MAY BE FILED WITH THE 'HAM' DELIVERING THIS MESSAGE TO YOU. FURTHER INFORMATION ON AMATEUR RADIO MAY BE OBTAINED FROM ARRL HEADQUARTERS, 225 MAIN STREET, NEWINGTON, CT 06111</p>				<p>THE AMERICAN RADIO RELAY LEAGUE, INC. IS THE NATIONAL MEMBERSHIP SOCIETY OF LICENSED RADIO AMATEURS AND THE PUBLISHER OF QST MAGAZINE. ONE OF ITS FUNCTIONS IS PROMOTION OF PUBLIC SERVICE COMMUNICATION AMONG AMATEUR OPERATORS. TO THAT END, THE LEAGUE HAS ORGANIZED THE NATIONAL TRAFFIC SYSTEM FOR DAILY NATIONWIDE MESSAGE HANDLING.</p>			

RF Hill ARC June Meeting Minutes

Meeting Date 06/27/2024

Welcome/Call to Order/Pledge to the Flag/Roll Call

Call to Order, 7:30 PM by WA3YLQ 12 members and one visiting ham present

Officer Reports:

President (Absent)

Vice President Jim, WA3YLQ, welcomed everyone to the June meeting. Jim thanked all who participated in last weekend's F/D event. 1007 contacts were made. Very successful. Jim is preparing the submission and will post the Club's final score.

Secretary (Absent) Minutes of May meeting were published in the MHz Times. Being no discussion, a motion to approve was made by W3TFF, seconded by N3QTT. Motion carried.

Treasurer Tom, K3KKI, gave the treasurer's report. All accounts are up to date. (Balance, \$6948.xx on hand) Motion made by KW3P to accept report, seconded by KS3Z. Motion carried.

Committee Reports

(Published in MHz Times. No questions or discussion. Committees not reporting are indicated.)

Repeater; VE; MHz Times; SEPPATN; Feds (Sun, PM) (no report); WA3JRS 10 Meter Net (no report)

Hamfest: No report, KB3EWV absent. WA3YLQ led a discussion re: forming a H/F committee to organize and manage the H/F site set up and operation. The Board will discuss this at their next meeting.

Field Day WA3YLQ is preparing the submission and will post the final points, based upon contacts and bonus activities. A discussion ensued concerning the contents of the trailer, the height of the operating bench and overall cleanliness. NE3I suggested that an ad hoc committee be formed to inventory the trailer and to make a plan to "renovate" same. The Board will discuss these concerns.

Old Business (none)

New Business KS3Z suggested that the club make a donation to N3FJP software to support ongoing improvements that Scott makes to his program. Our Club subscription gives us updates and revisions "for life". WA3YLQ suggested a donation that would equal the purchase price of one complete package (\$65 approx.) might be appropriate. Board will discuss.

Charles also reported that the server laptop battery is dead. Should be replaced. He will also set up a charging program for the laptops while in storage.

WA3YLQ presented Dave, N2VUZ, with a thank you card and gift in recognition of his contributions to the Club Website over the last several years. Dave will be leaving the area, and the availability of his technical expertise will be missed. Members present offered a rousing round of applause!

Adjournment KS3Z made a motion to adjourn, seconded by unanimous consent of the membership present.

Program: WA3YLQ and WA3NFV offered their "Everything Ten Meters" program

Respectfully Submitted:

Jim Soete, WA3YLQ, V-P (acting recorder)

US Amateur Radio Bands

Operator license classes: **E** = Amateur Extra **A** = Advanced **G** = General **T** = Technician **N** = Novice
 CW operation is permitted throughout all amateur bands. Except as noted, all frequencies are in megahertz (MHz).

■ = RTTY, data, phone, image
 ■ = USB phone, RTTY, data and CW
 ■ = RTTY and data
 ■ = phone and image
■ = SSB phone
CW = CW only

LF – Low Frequency band

2200 Meters (135 kHz) E,A,G
 1 W EIRP maximum



Amateurs wishing to operate on 2200 or 630 meters must first register with the Utilities Technology Council online at <https://utc.org/plc-database-amateur-notification-process/>. You need only register once for each band.

MF – Medium Frequency bands

630 Meters (472 kHz) E,A,G

5 W EIRP max, except in Alaska within 496 miles of Russia where the limit is 1 W EIRP

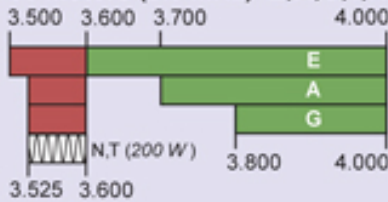


160 Meters (1.8 MHz) E,A,G

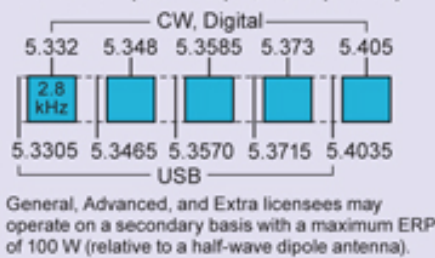


HF – High Frequency bands

80 Meters (3.5 MHz) E,A,G,T,N

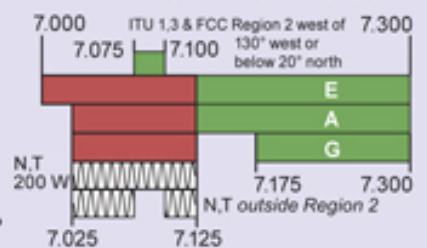


60 Meters (5.3 MHz) E, A, G (100 W)



General, Advanced, and Extra licenses may operate on a secondary basis with a maximum ERP of 100 W (relative to a half-wave dipole antenna).

40 Meters (7 MHz) E,A,G,T,N



30 Meters (10.1 MHz) E,A,G



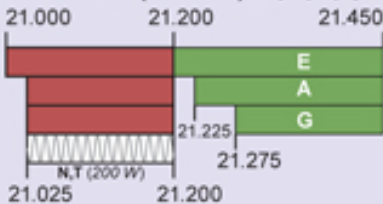
20 Meters (14 MHz) E,A,G



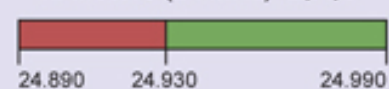
17 Meters (18 MHz) E,A,G



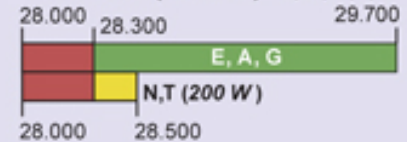
15 Meters (21 MHz) E,A,G,T,N



12 Meters (24 MHz) E,A,G

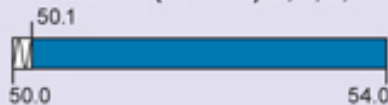


10 Meters (28 MHz) E,A,G,T,N



VHF – Very High Frequency bands

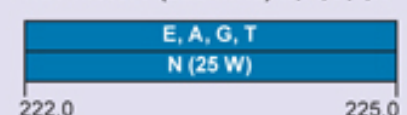
6 Meters (50 MHz) E,A,G,T



2 Meters (144 MHz) E,A,G,T

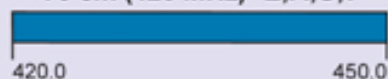


1.25 Meters (222 MHz) E,A,G,T,N

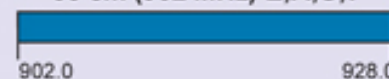


UHF – Ultra High Frequency bands

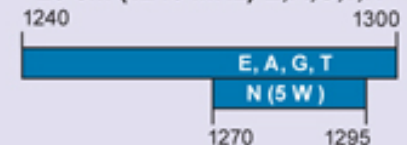
70 cm (420 MHz) E,A,G,T



33 cm (902 MHz) E,A,G,T



23 cm (1240 MHz) E,A,G,T,N



SHF&EHF – Super and Extremely High Frequency bands

All licensees except Novices are authorized all modes on the following frequencies:

2300-2310 MHz 3400-3450 MHz 10.0-10.5 GHz 47.0-47.2 GHz 122.25-123.0 GHz 241-250 GHz
 2390-2450 MHz 5650-5925 MHz 24.0-24.25 GHz 76.0-81.0 GHz 134-141 GHz All above 275 GHz

See www.arrl.org/band-plan for detailed band plans.

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 OTAbands rev. 2/10/2023

EZ PIX

Some pictures copied from EZ Pix by Lamar, K3UCI

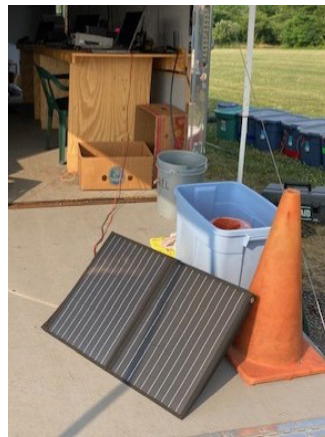


***Don't Forget . .
RF Hill Hamfest is Sunday, October 20 !!!***

**Upper County Campus—Bucks County Community College in Perkasie.
Flyers will be available at Club meetings
This is the sole source of income besides dues for the year.**

Volunteer and help our club!

2024 Field Day Pictures



Thanks to Griff, NE3I
for the pictures!

